

WHAT IS CLAIMED IS:

1. A fluid container system for containing fluid, comprising:
 - a first container that contains the fluid, the first container being evacuated to a negative gauge pressure when being filled with the fluid;
 - a second container having a capillary medium that contains the fluid;
 - a passage between the first and second containers communicating the fluid at a level wherein the passage is wetted with the fluid;
 - a ventilation port to communicate air between an interior region in the fluid ejection system and ambient;
 - at least one spill over region to communicate the fluid with the second container; and
 - a plurality of channels to communicate at least the air between the interior region and the second container; wherein the at least one spill over region has sufficient volume to contain a quantity of the fluid that migrates out of the second container.
2. The fluid container system according to claim 1, further including a lid for sealing the first and second containers from the ambient, wherein the channels are disposed on the lid.
3. The fluid container system according to claim 1, wherein at least one, but not all, of the channels communicates the fluid.
4. The fluid container system according to claim 1, wherein the quantity of fluid corresponds to a volume needed to prevent the fluid from wetting all of the channels.
5. The fluid container system according to claim 1, wherein the first and second containers are separated by a partition above the passage.
6. The fluid container system according to claim 1, wherein the first container further comprises a plurality of first chambers.
7. The fluid container system according to claim 1, wherein the second container further comprises a plurality of second chambers.
8. The fluid container system according to claim 1, wherein the first container further comprises a plurality of first chambers, and the second container further comprises a plurality of second chambers.

9. The fluid container system according to claim 1, wherein the first and second containers comprise a concatenated communicating series of first and second containers connected together to communicate the fluid. ~

10. A fluid container system for containing fluid, comprising:
a first container that contains the fluid, the first container being evacuated to a negative gauge pressure when being filled with the fluid;
a second container having a capillary medium that contains the fluid;
a passage between the first and second containers communicating the fluid at a level wherein the passage is wetted with the fluid;
a partition above the passage separating the first and second containers;
a ventilation port to communicate air between an interior region in the fluid ejection system and ambient;
at least one spill over region to communicate the fluid with the second container;
a lid for sealing the first and second containers from the ambient; and
a plurality of channels to communicate at least the air between the interior region and the second container; wherein
the channels are disposed on the lid,
the at least one spill over region has sufficient volume to contain a quantity of the fluid that migrates out of the second container, and
the quantity of fluid corresponds to a volume needed to prevent the fluid from wetting all of the channels.

11. A method for ventilating a fluid container that contains fluid, said method comprising:

containing the fluid in a first container;
containing the fluid in a second container with a capillary medium;
connecting the first and second containers to enable the fluid to flow therebetween;
connecting the second container to a ventilation port by a plurality of channels to allow at least air to flow therebetween;
connecting the ventilation port to ambient;
connecting the second container to at least one spill over region, wherein the spill over region has sufficient capacity to contain a quantity of the fluid.

12. The method according to claim 11, further including:
sealing the first container from the ambient.
13. The method according to claim 11, wherein connecting the second container to the ventilation port further includes disposing the plurality of channels on a lid that seals the first container.
14. The method according to claim 11, further comprising:
communicating the fluid from a first spill over region of the at least one spill over region to a second spill over region when a volume of the fluid exceeds a volumetric capacity of the first spill over region.